Serial No.: 10/773,507 Docket No. YPL-0800

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE.

Applicant: KWON, Taejon Serial No.: 10/773,507

Conf. No.: 6812

Filed: February 7, 2004

Title: SYSTEM, METHOD, AND COMPUTER PROGRAM FOR

DETERMINING A LOCATION OF A TARGET SEQUENCE IN A

GENOME SEQUENCE

Examiner: ZHOU, Shubo

Art Unit: 1631 Docket No: YPL-0080

VIA EFS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## AFTER-FINAL AMENDMENT AND RESPONSE

This Amendment and Response is submitted in reply to the Final Office Action dated December 12, 2008.

This response has the following sections:

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 6 of this paper.